



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Thad G. Walker,  
Bien Chann,  
Ian A. Nelson

Date: September 14, 2001

Docket No.: 032026:0486

Serial No.: 09/706,088

Group Art Unit: 2881

Filed: November 3, 2000

For: **FREQUENCY-NARROWED HIGH POWER DIODE LASER ARRAY  
WITH EXTERNAL CAVITY**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Patent and Trademark Office, Washington, D.C. 20231 on September 14, 2001.

\_\_\_\_\_  
Harry C. Engstrom

(Name of applicant, assignee  
or Registered Representative)

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*Harry C. Engstrom*  
\_\_\_\_\_  
(Signature)

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September 14, 2001

(Date of Signature)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
United States Patent and Trademark Office  
Washington, DC 20231

Dear Sir:

With respect to the examination of the above-referenced application, applicants cite the following documents, copies of which are enclosed. These documents are also listed on an accompanying Form PTO-1449.

## UNITED STATES PATENTS

<u>Inventor(s)</u>	<u>Patent No.</u>	<u>Issue Date</u>
Lang, et al.	5,651,018	July 22, 1997
Gabbert	6,038,239	March 14, 2000

## FOREIGN PATENT DOCUMENT

Published Patent Cooperation Treaty application WO 96 33536A (Gabbert),  
published October 24, 1996.

## OTHER DOCUMENTS:

B. Chann et al, "Frequency-narrowed-external-cavity diode-laser-array bar,"  
Optics Letters, Vol. 25, No. 18, 15 September 2000, pp. 1352-1354.

I.A. Nelson, et al., "Spin-exchange optical pumping using a frequency-  
narrowed high power diode laser," Applied Physics Letters, Vol. 76, No. 11, March 13,  
2000, pp. 1356-1358.

Haim Lotem, et al., "Tunable external cavity diode laser that incorporates a  
polarization half-way of plate," Applied Optics, Vol. 31, No. 36, December 20, 1992, pp.  
7530-7532.

## REMARKS

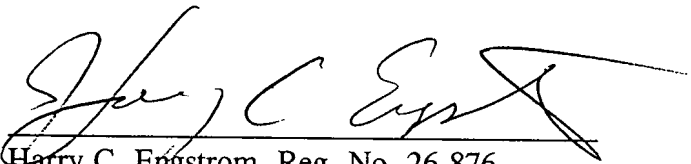
The foregoing documents were cited in the International Search Report issued  
on August 31, 2001 by the European Patent Office on a Patent Cooperation Treaty application  
corresponding to the above-referenced United States application. A copy of the International  
Search Report is also enclosed. U.S. Patent 6,038,239 corresponds to published PCT  
application WO 9633536 that was cited in the Search Report. One of the references cited in  
the Search Report, a paper by Haim Lotem, et al. in Applied Optics, Vol. 32, No. 27, was

submitted with the Information Disclosure Statement previously filed by applicants and is thus not cited above. The papers cited in the International Search Report by B. Chann, et al. and I.A. Nelson, et al. are papers authored by the present applicants that were published less than a year before the filing of the present application and after the filing date of provisional application No. 60/163,486, filed November 4, 1999, from which this application claims priority.

These documents were cited in an International Search Report issued within the last three months.

It is thus requested that the foregoing documents be considered during examination of the above-referenced application and be made of record therein.

Respectfully submitted,



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